

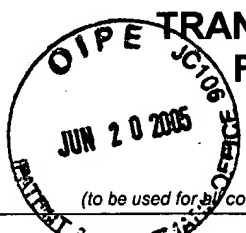
2645  
tn

PTO/SB/21 (09-04)

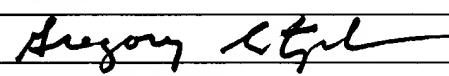
Approved for use through 07/31/2006. OMB 0651-0031

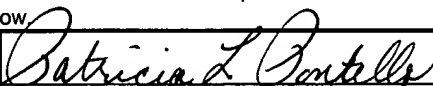
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Application Number	09/932,666
	Filing Date	August 17, 2001
	First Named Inventor	Dent, Paul W.
	Art Unit	2645
	Examiner Name	Elahee, MD S
	Attorney Docket Number	P14657.384
Total Number of Pages in This Submission		9

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Reply Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MOORE & VAN ALLEN		
Signature			
Printed Name	GREGORY A. STEPHENS		
Date	June 16, 2005	Reg. No.	41,329

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below			
Signature			
Typed or printed name	Patricia L. Pontello	Date	June 16, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Paul W. Dent )  
Serial No.: 09/932,666 )  
Filed: August 17, 2001 ) Confirmation No. 5094  
Group Art Unit: 2645 )  
Examiner: Elahee, MD S )  
Title: SYSTEM AND METHOD FOR )  
DETERMINING SHORT RANGE DISTANCES )  
BETWEEN RF EQUIPPED DEVICES )

---

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Sir or Madam:

In response to the Office action of March 23, 2005, applicant amends the application as follows:

**In the Claims:**

1. (Currently Amended) A method of determining the distance between a portable wireless communication device and an RF equipped [POS] Point-of-Sale device based on propagation delay between [an] a pulse code modulation (PCM) RF signal and an acoustic signal that are emitted from the portable wireless communication device and received by the RF equipped [POS] Point-of-Sale device, the method comprising:

establishing an RF link between the portable wireless communication device and the RF equipped [POS] Point-of-Sale device ;

in the portable wireless communication device: